

0701011W01.ST25.txt  
SEQUENCE LISTING

<110> Kureha Chemical Industry Company Limited

MUKAIDA, Naofumi

FUJII, Chifumi

<120> Polypeptide associated with hepatocellular carcinoma, polynucleotide encoding the polypeptide and RNA molecule suppressing the polypeptide expression

<130> 0701011W01

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 326

<212> PRT

<213> Homo sapiens

<400> 1

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20 25 30

Lys Glu Ser Phe Glu Lys Ala Tyr Gln Val Gly Ala Val Leu Gly Ser  
35 40 45

Gly Gly Phe Gly Thr Val Tyr Ala Gly Ser Arg Ile Ala Asp Gly Leu  
50 55 60

Pro Val Ala Val Lys His Val Val Lys Glu Arg Val Thr Glu Trp Gly  
65 70 75 80

Ser Leu Gly Gly Ala Thr Val Pro Leu Glu Val Val Leu Leu Arg Lys  
85 90 95

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Val Gly Ala Ala Gly Gly Ala Arg Gly Val Ile Arg Leu Leu Asp Trp  
 100 105 110  
 Phe Glu Arg Pro Asp Gly Phe Leu Leu Val Leu Glu Arg Pro Glu Pro  
 115 120 125  
 Ala Gln Asp Leu Phe Asp Phe Ile Thr Glu Arg Gly Ala Leu Asp Glu  
 130 135 140  
 Pro Leu Ala Arg Arg Phe Phe Ala Gln Val Leu Ala Ala Val Arg His  
 145 150 155 160  
 Cys His Ser Cys Gly Val Val His Arg Asp Ile Lys Asp Glu Asn Leu  
 165 170 175  
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 180 185 190  
 Gly Ala Leu Leu Lys Asp Thr Val Tyr Thr Asp Phe Asp Gly Thr Arg  
 195 200 205  
 Val Tyr Ser Pro Pro Glu Trp Ile Arg Tyr His Arg Tyr His Gly Arg  
 210 215 220  
 Ser Ala Thr Val Trp Ser Leu Gly Val Leu Leu Tyr Asp Met Val Cys  
 225 230 235 240  
 Gly Asp Ile Pro Phe Glu Gln Asp Glu Glu Ile Leu Arg Gly Arg Leu  
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 260 265 270  
 Cys Leu Ser Leu Arg Pro Ser Glu Arg Pro Ser Leu Asp Gln Ile Ala  
 275 280 285  
 Ala His Pro Trp Met Leu Gly Ala Asp Gly Gly Ala Pro Glu Ser Cys  
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## 0701011w01.ST25.txt

&lt;211&gt; 2392

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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<223> Pim-3 sense primer

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<223> Pim-3 antisense primer

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<223> GAPDH sense prime

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<223> GAPDH antisense primer

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<210> 7  
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<223> Probe used in first screening of hPim-3

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<223> Epitop used in the production of antibody to hPim-3 polypeptide

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Ala Lys Ala

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<212> DNA

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<223> Targeted mRNA

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<212> RNA

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<223> siRNA in example 9

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<223> Random RNA fragment

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19